

(19) World Intellectual Property
Organization
International Bureau



553585

(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/105575 A2

(51) International Patent Classification⁷: **A61B**
(21) International Application Number:
PCT/US2004/015341
(22) International Filing Date: 17 May 2004 (17.05.2004)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
60/474,201 29 May 2003 (29.05.2003) US
60/501,494 9 September 2003 (09.09.2003) US

(71) Applicant (for all designated States except US):
TRUSTEE OF DARMOUTH COLLEGE [US/US];
Technology Transfer Office, 11 Rope Ferry Road, Hanover,
NH 03755-1404 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FOOTE, Robert, S.**
[US/US]; 98 Rice Road, Hartland, VT 05048 (US). **YEO,**
Kiang-Tech, Jerry [US/US]; 2 Moody Lane, Etna, NH
03750 (US).

(74) Agents: **LICATA, Jane, Massey et al.**; Licata & Tyrrell
P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A METHOD FOR DETECTING CARDIAC ISCHEMIA VIA CHANGES IN B-NATRIURETIC PEPTIDE LEVELS

(57) Abstract: The present invention relates to a method of detecting cardiac ischemia by measuring the levels of BNP or NT-proBNP. Increases in BNP or NT-proBNP levels in an individual are indicative of cardiac ischemia.

WO 2004/105575 A2